

WHAT IS CLAIMED IS:

1 Sub 1. A prosthesis adapted for contact with the sclera of an  
2 eyeball, said prosthesis comprising a body having a first end and  
3 a second end, said body having a planform adapted to expand said  
4 contacted sclera to increase the effective working distance of the  
5 ciliary muscle of the eyeball.

1 2. The prosthesis set forth in Claim 1 wherein said body  
2 further comprises a top surface that is adapted to contact ocular  
3 tissue within a pocket surgically formed within the sclera of the  
4 eyeball.

1 3. The prosthesis set forth in Claim 2 wherein said top  
2 surface is circumferentially shaped and adapted to exert an outward  
3 force on the scleral pocket to elevate the portion of the sclera  
4 attached thereto to increase the effective working distance of the  
5 ciliary muscle of the eyeball.

1 4. The prosthesis set forth in Claim 2 wherein said body  
2 further comprises a means for stabilizing said prosthesis within  
3 said surgically formed pocket within the sclera of the eyeball.

1           5.    The prosthesis set forth in Claim 4 wherein said  
2    stabilizing means includes a bottom surface that is adapted to  
3    contact ocular tissue within said surgically formed pocket.

1           6.    The prosthesis set forth in Claim 5 wherein said ocular  
2    tissue contact of said bottom surface of said body is at least  
3    substantially equal to said ocular tissue contact of said top  
4    surface of said body.

1           7.    The prosthesis set forth in Claim 4 wherein said  
2    stabilizing means includes at least one of said first end and said  
3    second end that is adapted to fix said body within said surgically  
4    formed pocket.

1           8.    The prosthesis set forth in Claim 7 wherein said at least  
2    one of said first end and said second end include has a partially  
3    concave top surface.

1           9.    The prosthesis set forth in Claim 7 wherein said at least  
2    one of said first end and said second end include has a partially  
3    convex top surface.

1           10. The prosthesis set forth in Claim 7 wherein said at least  
2 one of said first end and said second end include has a partially  
3 concave bottom surface.

1           11. The prosthesis set forth in Claim 7 wherein said at least  
2 one of said first end and said second end include has a partially  
3 convex bottom surface.

1           12. A prosthesis adapted for contact with the sclera of an  
2 eyeball, said prosthesis comprising a body having a first end and  
3 a second end, said body having a planform adapted to expand said  
4 contacted sclera to increase the effective working distance of the  
5 ciliary muscle of the eyeball and further means for stabilizing  
6 said prosthesis within said surgically formed pocket within the  
7 sclera of the eyeball.

1           13. The prosthesis set forth in Claim 12 wherein said body  
2 further comprises a top surface that is adapted to contact ocular  
3 tissue within a pocket surgically formed within the sclera of the  
4 eyeball.

1 14. The prosthesis set forth in Claim 13 wherein said top  
2 surface is circumferentially shaped and adapted to exert an outward  
3 force on the scleral pocket to elevate the portion of the sclera  
4 attached thereto to increase the effective working distance of the  
5 ciliary muscle of the eyeball.

1 15. The prosthesis set forth in Claim 12 wherein said  
2 stabilizing means includes a bottom surface that is adapted to  
3 contact ocular tissue within said surgically formed pocket.

1 16. The prosthesis set forth in Claim 15 wherein said ocular  
2 tissue contact of said bottom surface of said body is at least  
3 substantially equal to said ocular tissue contact of said top  
4 surface of said body.

1 17. The prosthesis set forth in Claim 12 wherein said  
2 stabilizing means includes at least one of said first end and said  
3 second end that is adapted to fix said body within said surgically  
4 formed pocket.

1 18. The prosthesis set forth in Claim 17 wherein said at  
2 least one of said first end and said second end include has a  
3 partially concave top surface.

1 19. The prosthesis set forth in Claim 17 wherein said at  
2 least one of said first end and said second end include has a  
3 partially convex top surface.

1 20. The prosthesis set forth in Claim 17 wherein said at  
2 least one of said first end and said second end has a partially  
3 concave bottom surface.

1 21. The prosthesis set forth in Claim 17 wherein said at  
2 least one of said first end and said second end has a partially  
3 convex bottom surface.

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